HI-SPEED USB 2.0 SVGA CONVERTER USER MANUAL

MODEL 179041

MANHATTAN™

MAN-179041-UM-0910-01

INTRODUCTION

Thank you for purchasing the MANHATTAN® Hi-Speed USB 2.0 SVGA Converter, Model 179041.

By improving your computer's desktop arrangements and extending the visual work area across dual monitors, this converter helps make word processing, editing and multi-tasking more effective with less overlapped windows, fewer hidden palettes and better-organized views. Read e-mail on one monitor and open attachments on the other. Large, complicated spreadsheets can be expanded and viewed without scrolling. Presentations are made more compelling with another monitor for more impact or viewing speaker notes on a separate display.

The MANHATTAN Hi-Speed USB 2.0 SVGA Converter supports resolutions of up to 2048 x 1280 in 16-bit or 1600 x 1200 in 32-bit color (see Specifications for a full list of options), and its 16 MB SDRAM memory easily enhances a workspace without complicated installations or expensive equipment.

There's no need to install another graphics card or struggle with compatibility issues. With Plug and Play and hot-swap capabilities, it's easily installed without an external power supply on any Windows computer.

By following the instructions in this user manual — or the simpler installation procedure in the printed quick install guide included with the product — you'll soon be enjoying these additional features:

- Software manages up to six converters, adding up to 6 displays to a single PC
- Primary, extended and mirror functions provide display continuity and dual views
- Connects to any USB port without conflicts or external power supplies
- Lifetime Warranty (For a complete list of country-specific warranties, go to www.manhattan-products.com/warranty.)

Package Contents

- Hi-Speed USB 2.0 SVGA Converter
- Driver CD
- Quick install guide

System Requirements

- Windows 2000, XP, Vista or 7
- Hi-Speed USB 2.0 port

SOFTWARE INSTALLATION

IMPORTANT: The software must be installed before the Converter is plugged in to the computer.

1. Insert the included CD into the computer's CD-ROM drive. The auto-run setup should automatically start; if it doesn't, browse to the CD and manually launch the Setup file.
2. When the InstallShield wizard starts and displays the initial Welcome screen, click "Next."
3. When the License Agreement screen displays, check "I agree" and click "Next" to advance to the Status screen, which will indicate the progress of the software installation. ***NOTE:*** The installation can take several minutes.
4. When the Installation Complete screen displays, click "Finish." Depending on your operating system, you may receive a prompt to re-start the computer.

HARDWARE INSTALLATION

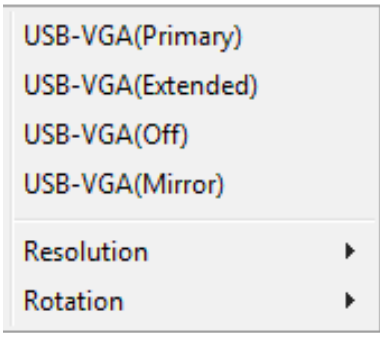
IMPORTANT: The software must be installed before the Converter is plugged in to the computer.

1. Connect the Converter to the monitor, LCD projector or other SVGA device, as shown below.
2. Plug the Converter into a USB port on your desktop or notebook computer. Windows will identify the device and automatically detect and install the necessary drivers and software. The Converter is now ready to use.

Connects to any USB port without conflicts or external power supplies.

OPERATION

Once the software is installed, its representative icon will be displayed in the task bar. Right-clicking on the icon will present the following menu options (with configuration options below).

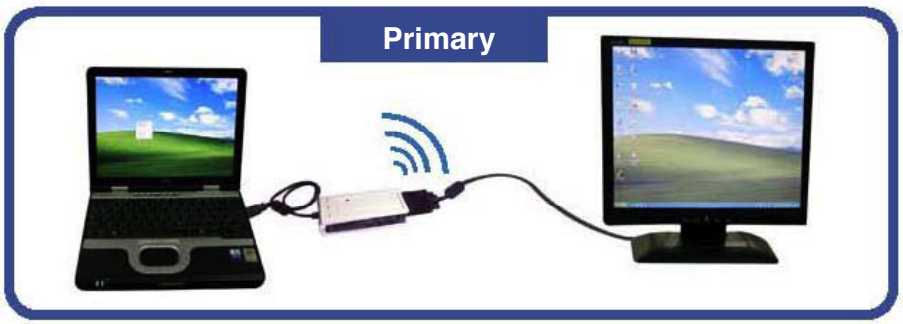


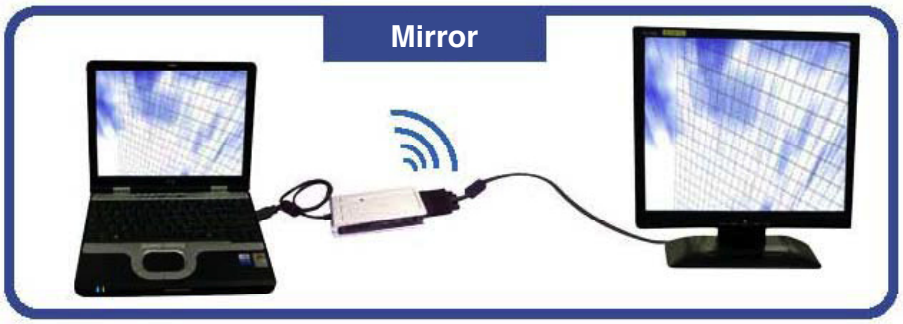
USB-VGA (Primary)

This sets the display attached to the adapter to be the primary, or active, display.

USB-VGA (Extended)

Extends the desktop to the display attached to the adapter. This option allows the user to use two displays as a single desktop.





USB-VGA (Off)

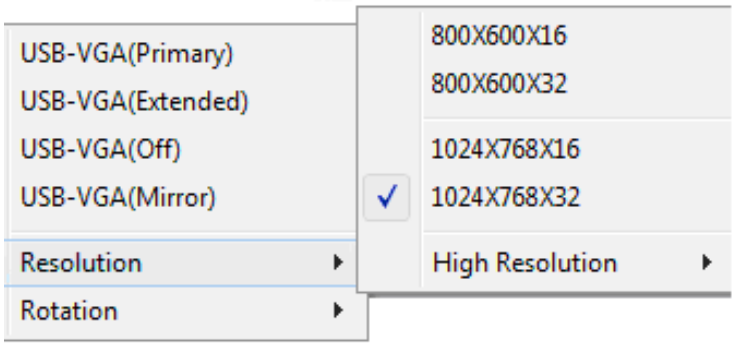
Disconnects the display attached to the adapter.

USB-VGA (Mirror)

The display attached to the adapter will duplicate, or mirror, what is being displayed on the primary display.

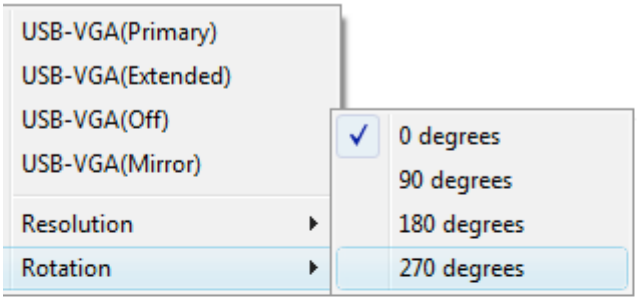
Resolution

Resolution will set the resolution that the display will use. The most common resolutions are listed, and a secondary list of high resolutions can be brought up by clicking on the “High Resolution” drop-down menu. The resolutions are listed by width x height x 16- or 32-bit color. When setting the resolution, especially the high resolutions, make sure that the display can support the resolution selected. If the resolution is set too high, the display will not work properly until the resolution is reset to a lower value.



Rotation

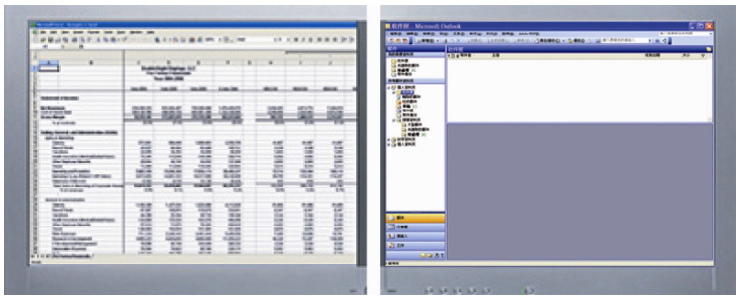
Rotation turns the image in the display in a clockwise manner the number of degrees selected.



USAGE OPTIONS

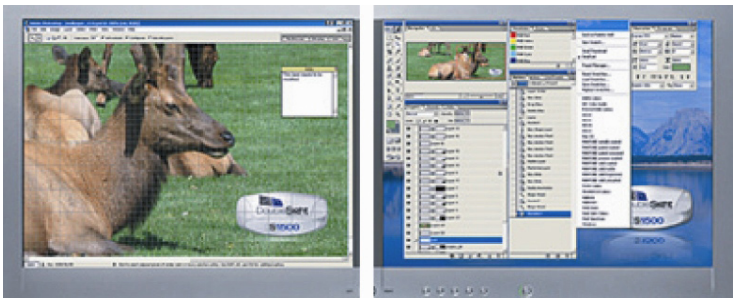
Office workstation:

- View spreadsheets across six additional screens with display continuity
- Multitask without overlapping windows



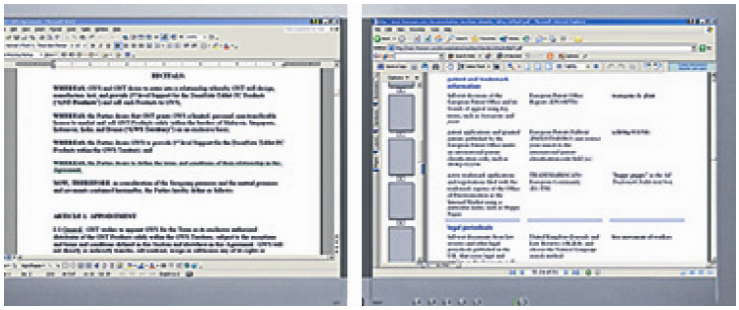
Graphics workstation:

- Use extra displays for palettes/tools



Editing workstation:

- Type documents on one screen while referencing another



Comparisons:

- Use a notebook for viewing multiple screens
- View charts and live data at the same time

Entertainment:

- View videos/TV on one screen and reviews on the other

MANHATTAN

SPECIFICATIONS

Standards and Certifications

- Hi-Speed USB 2.0
- EHCI
- CE
- FCC

General

- Chipset: SiS
- Display memory: 16 MB SDRAM
- Bus-powered
- Connections: USB type A male; HD 15 female
- Supports Suspend and Wake modes

Supported Resolutions

- Wide Screen

Aspect Ratio	Resolution	Color Bits
16:10	2048 x 1280	16 bits
16:10	1920 x 1200	16 bits
16:9	1920 x 1080	16 bits
16:10	1680 x 1050	16/32 bits
16:10	1440 x 900	16/32 bits
16:10	1280 x 800	16/32 bits
15:9	1280 x 768	16/32 bits

- Standard Monitor

Aspect Ratio	Resolution	Color Bits
5:4	1280 x 1024	16/32 bits
4:3	1600 x 1200	16/32 bits
4:3	1280 x 960	16/32 bits
4:3	1152 x 864	16/32 bits
4:3	1024 x 768	16/32 bits
4:3	800 x 600	16/32 bits

Physical

- Case material: ABS plastic
- Dimensions: 10.75 x 5 x 2.5 cm (4.25 x 2 x 1 in.)
- Cable length: 45.75 cm (18 in.)
- Weight: 113 g (4 oz.)

WASTE ELECTRICAL & ELECTRONIC EQUIPMENT

Disposal of Electric and Electronic Equipment

(applicable in the European Union and other European countries with separate collection systems)

ENGLISH

This symbol on the product or its packaging indicates that this product shall not be treated as household waste. Instead, it should be taken to an applicable collection

point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. If your equipment contains easily removable batteries or accumulators, dispose of these separately according to your local requirements. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, contact your local city office, your household waste disposal service or the shop where you purchased this product. *In countries outside of the EU:* If you wish to discard this product, contact your local authorities and ask for the correct manner of disposal.

DEUTSCH

Dieses auf dem Produkt oder der Verpackung angebrachte Symbol zeigt an, dass dieses Produkt nicht mit dem Hausmüll entsorgt werden darf. In Übereinstimmung mit der Richtlinie 2002/96/EG des Europäischen Parlaments und des Rates über Elektro- und Elektronik-Altgeräte (WEEE) darf dieses Elektrogerät nicht im normalen Hausmüll oder dem Gelben Sack entsorgt werden. Wenn Sie dieses Produkt entsorgen möchten, bringen Sie es bitte zur Verkaufsstelle zurück oder zum Recycling-Sammelpunkt Ihrer Gemeinde.

ESPAÑOL

Este símbolo en el producto o su embalaje indica que el producto no debe tratarse como residuo doméstico. De conformidad con la Directiva 2002/96/CE de la UE sobre residuos de aparatos eléctricos y electrónicos (RAEE), este producto eléctrico no puede desecha se con el resto de residuos no clasificados. Deshágase de este producto devolviéndolo al punta de venta o a un punta de recogida municipal para su reciclaje.

FRANÇAIS

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ITALIANO

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DEUTSCH: Garantieinformationen finden Sie unter www.manhattan-products.com/warranty.
ESPAÑOL: Si desea obtener información sobre la garantía, visite www.manhattan-products.com/warranty.
FRANÇAIS: Pour consulter les informations sur la garantie, visitez www.manhattan-products.com/warranty.
POLSKI: Informacje dotyczące gwarancji znajdują się na stronie www.manhattan-products.com/warranty.
ITALIANO: Per informazioni sulla garanzia, accedere a www.manhattan-products.com/warranty.

EN MÉXICO: Poliza de Garantia MANHATTAN — Datos del importador y responsable ante el consumidor IC Intracom México, S.A. de C.V. • Av. Interceptor Poniente # 73, Col. Parque Industrial La Joya, Cuautitlan Izcalli, Estado de México, C.P. 54730, México. • Tel. (55)1500-4500

La presente garantía cubre los siguientes productos contra cualquier defecto de fabricación en sus materiales y mano de obra.

A. Garantizamos los productos de limpieza, aire comprimido y consumibles, por 60 dias a partir de la fecha de entrega, o por el tiempo en que se agote totalmente su contenido por su propia función de uso, lo que suceda primero.
B. Garantizamos los productos con partes moviles por 3 años.
C. Garantizamos los demas productos por 5 años (productos sin partes moviles), bajo las siguientes condiciones:
    1. Todos los productos a que se refiere esta garantía, ampara su cambio físico, sin ningún cargo para el consumidor.
    2. El comercializador no tiene talleres de servicio, debido a que los productos que se garantizan no cuentan con reparaciones, ni refacciones, ya que su garantía es de cambio físico.
    3. La garantía cubre exclusivamente aquellas partes, equipos o sub-ensambles que hayan sido instaladas defábrica y no incluye en ningún caso el equipo adicional o cualesquiera que hayan sido adicionados al mismo por el usuario o distribuidor.

Para hacer efectiva esta garantía bastara con presentar el producto al distribuidor en el domicilio donde fue adquirido o en el domicilio de IC Intracom México, S.A. de C.V., junto con los accesorios contenidos en su empaque, acompañado de su póliza debidamente llenada y sellada por la casa vendedora (indispensable el sello y fecha de compra) donde lo adquirió, o bien, la factura o ticket de compra original donde se mencione claramente el modelo, numero de serie (cuando aplique) y fecha de adquisición. Esta garantia no es val da en los siguientes casos: Si el producto se hubiese utilizado en condiciones distintas a las normales; si el producto no ha sido operado conforme a los instructivos de uso; ó si el producto ha sido alterado o tratado de ser reparado por el consumidor ó terceras personas.

FEDERAL COMMUNICATIONS COMMISSION REGULATORY STATEMENT

FCC Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

R&TTE

ENGLISH

This device complies with the requirements of the R&TTE Directive 1999/5/EC.

DEUTSCH

Dieses Gerät enspricht der Direktive R&TTE Direktive 1999/5/EC.

ESPAÑOL

Este dispositivo cumple con los requerimientos de la Directiva R&TTE 1999/5/EC.

FRANÇAIS

Cet appareil satisfait aux exigences de la directive R&TTE 1999/5/CE.

POLSKI

Urządzenie spełnia wymagania dyrektywy R&TTE 1999/5/EC.

ITALIANO

Questo dispositivo è conforme alla Direttiva 1999/5/EC R&TTE.

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